

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P320658

Luminaire Tested: **GAN-SA4D-740-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320658
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAN-SA4D-740-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 4000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 27506 lumens
Efficiency: N/A
Efficacy: 106.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

Input Watts (W): 258
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

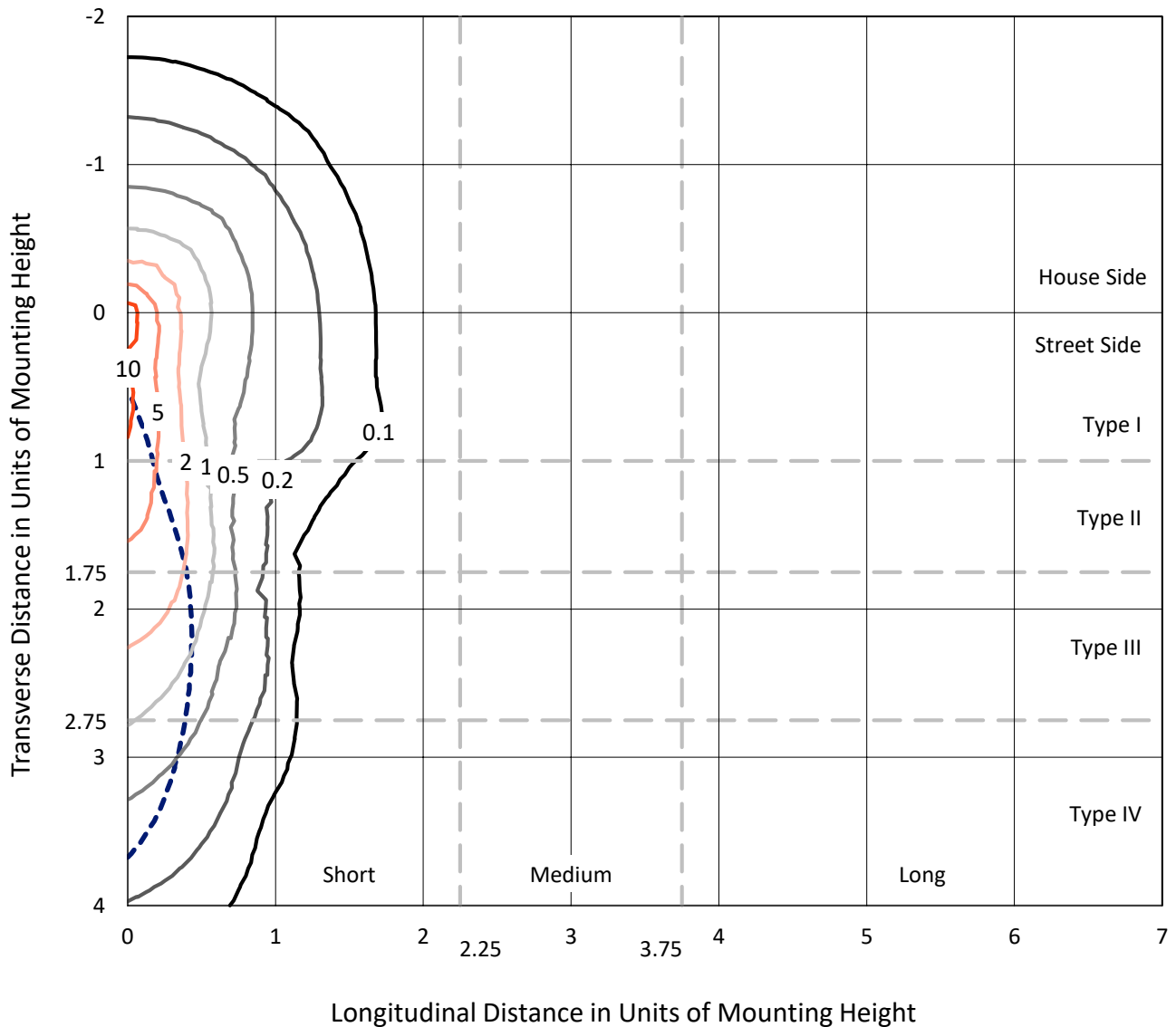




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Iso-Footcandle Lines of Horizontal Illumination

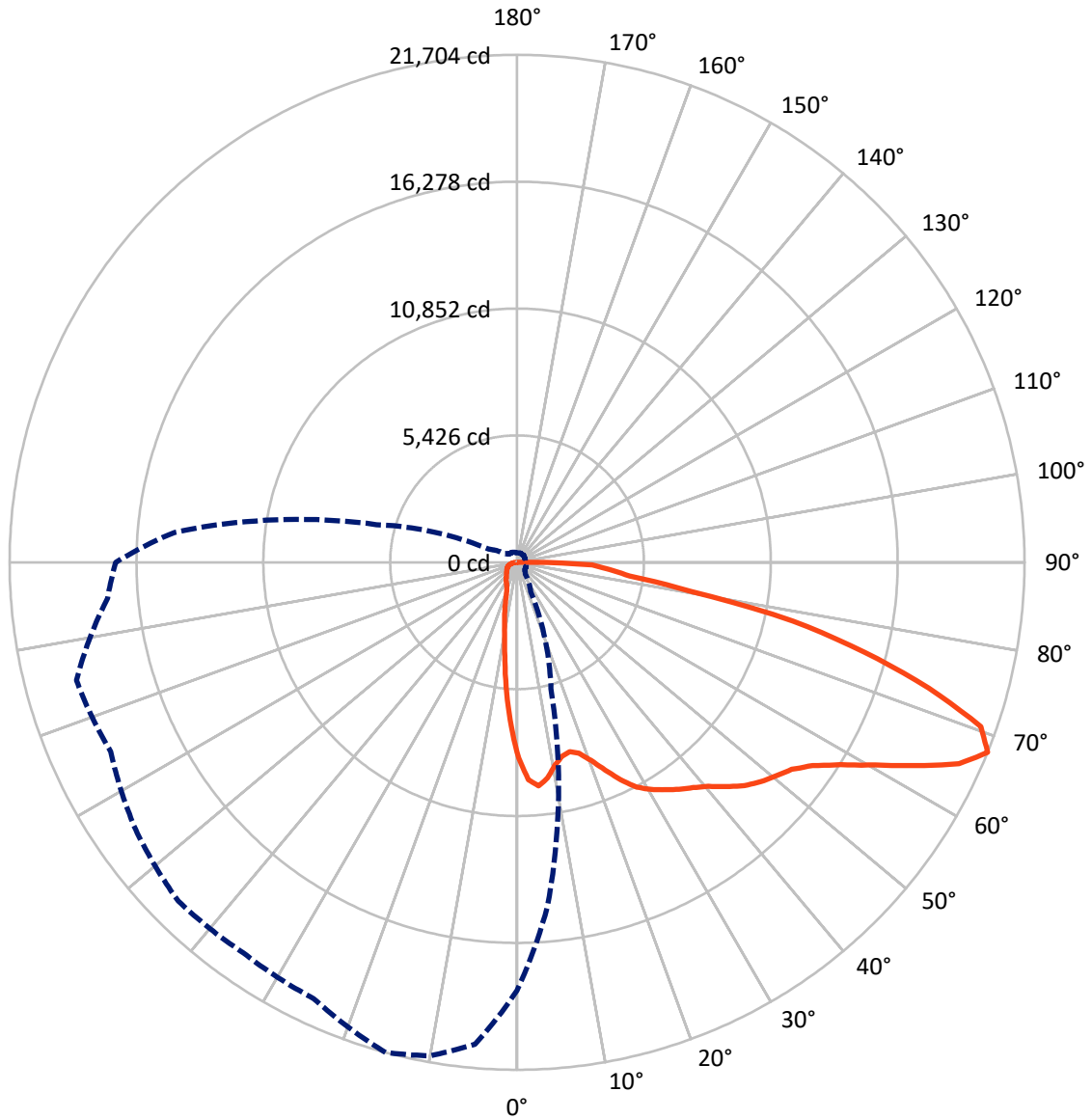
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 13.4 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 345-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4755.2	0.0	4755.2
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	22750.8	0.0	22750.8
	% Fixture	82.7	0.0	82.7
Total	Lumens	27506.0	0.0	27506.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	646.7	2.4
10°-20°	1343.5	4.9
20°-30°	1910.8	6.9
30°-40°	2753.4	10.0
40°-50°	3880.4	14.1
50°-60°	5394.4	19.6
60°-70°	6523.5	23.7
70°-80°	4009.8	14.6
80°-90°	1043.4	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	27506.0	100.0
0°-180°	27506.0	100.0

Coefficient of Utilization

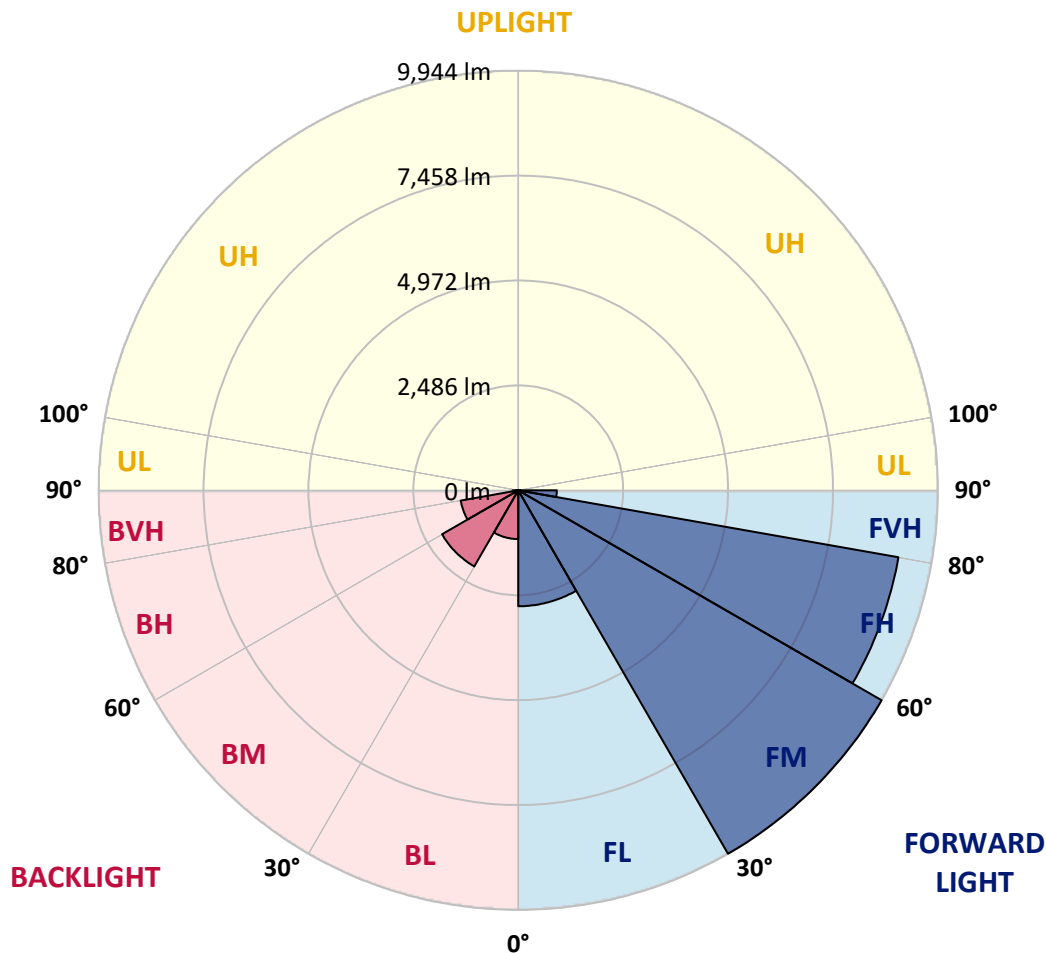


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2746.5	10.0			
FM (30°-60°)	9944.1	36.2			
FH (60°-80°)	9147.6	33.3			G4/12000
FVH (80°-90°)	912.6	3.3			G5
BL (0°-30°)	1154.5	4.2	B3/2500		
BM (30°-60°)	2084.1	7.6	B2/2500		
BH (60°-80°)	1385.7	5.0	B3/2500		G3/2500
BVH (80°-90°)	130.8	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5
 Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9
2.5°	8977.0	8897.9	8778.0	8658.1	8569.0	8478.9	8376.6	8274.3	8157.7	8040.1	7970.8
5°	8828.6	8608.6	8322.7	8036.8	7847.6	7658.5	7444.0	7229.6	7017.3	6805.1	6690.7
7.5°	8159.9	7830.0	7458.3	7086.6	6811.7	6535.7	6238.7	5940.7	5676.8	5411.7	5247.9
10°	7502.3	7106.4	6679.7	6251.9	5900.0	5548.1	5250.1	4951.0	4751.9	4552.9	4402.2
12.5°	7030.5	6591.7	6122.2	5651.5	5299.6	4947.7	4758.5	4569.4	4404.4	4239.4	4065.7
15°	6843.6	6347.6	5867.0	5385.3	5065.3	4745.3	4535.3	4324.1	4103.1	3880.9	3667.6
17.5°	7008.5	6427.9	5905.5	5383.1	4964.2	4545.2	4251.5	3956.8	3665.4	3374.0	3126.5
20°	7523.2	6782.0	6099.1	5415.0	4857.5	4299.9	3906.2	3511.4	3137.5	2763.6	2483.2
22.5°	8245.7	7264.8	6372.9	5481.0	4760.7	4039.3	3545.5	3050.6	2608.5	2166.5	1891.5
25°	9123.3	7904.8	6767.7	5629.5	4721.1	3811.6	3204.6	2597.5	2131.3	1663.9	1468.1
27.5°	10048.2	8668.0	7258.2	5847.2	4727.7	3608.2	2917.6	2225.8	1805.7	1385.7	1251.5
30°	10819.1	9540.1	7830.0	6118.9	4753.0	3387.1	2647.0	1906.9	1560.5	1214.1	1127.2
32.5°	11524.0	10148.2	8261.1	6372.9	4781.6	3189.2	2438.1	1685.9	1403.2	1119.5	1048.0
35°	12252.0	10688.2	8562.4	6435.6	4732.1	3027.5	2295.1	1562.7	1302.1	1040.3	979.9
37.5°	13053.7	11272.2	8852.8	6432.3	4648.5	2864.8	2184.1	1502.2	1236.1	968.9	924.9
40°	13947.8	11917.7	9167.3	6416.9	4572.7	2727.3	2101.6	1474.7	1199.8	923.8	886.4
42.5°	14822.1	12533.5	9459.8	6386.1	4511.1	2634.9	2020.2	1405.4	1166.8	927.1	874.3
45°	15478.6	13071.3	9713.9	6355.3	4464.9	2574.5	1956.4	1338.4	1136.0	933.7	866.6
47.5°	15976.8	13611.3	9995.4	6378.4	4460.5	2542.6	1911.3	1280.1	1077.7	874.3	846.8
50°	16610.2	14260.1	10405.6	6551.1	4521.0	2490.9	1858.5	1225.1	1021.6	818.2	855.6
52.5°	17398.7	15186.1	11041.2	6895.3	4647.4	2399.6	1775.0	1150.3	953.5	755.5	813.8
55°	18556.7	16372.7	11853.9	7334.1	4800.3	2265.4	1648.5	1030.4	863.3	695.0	746.7
57.5°	19596.0	17571.4	12633.6	7694.8	4896.0	2096.1	1489.0	882.0	762.1	642.2	671.9
60°	20059.0	18189.4	12998.7	7806.9	4838.8	1870.6	1309.8	747.8	673.0	598.2	592.8
62.5°	19878.6	17796.8	12639.1	7481.4	4559.5	1637.5	1151.4	665.3	609.2	552.1	540.0
65°	19350.7	16562.9	11631.8	6700.6	4087.7	1474.7	1051.3	627.9	565.3	502.6	489.4
67.5°	18310.4	14806.7	10204.3	5602.0	3488.3	1374.7	994.2	613.6	537.8	460.8	445.4
70°	16443.1	12693.0	8560.2	4426.4	2870.3	1313.1	956.8	600.4	508.1	414.6	400.3
72.5°	13505.7	10176.8	6835.9	3493.8	2399.6	1305.4	952.4	599.3	483.9	368.4	355.2
75°	9669.9	7730.0	5218.2	2705.3	1965.2	1225.1	904.0	582.9	450.9	317.8	305.7
77.5°	6507.1	5350.2	3626.9	1902.5	1458.2	1013.9	759.9	505.9	386.0	266.1	254.0
80°	4178.9	3702.8	2430.4	1158.0	945.8	733.5	543.3	353.0	281.5	208.9	199.0
82.5°	3066.0	2755.9	1689.2	622.4	525.7	427.8	332.1	236.4	192.5	148.5	144.1
85°	1948.7	2148.9	1243.8	338.7	277.1	215.5	178.2	140.8	111.1	81.4	81.4
87.5°	378.3	523.5	344.2	163.9	119.9	75.9	64.9	52.8	29.7	5.5	6.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9
2.5°	7900.4	7824.5	7748.7	7662.9	7576.0	7495.7	7414.3	7325.3	7341.8	7273.6	7205.4
5°	6576.3	6455.4	6333.3	6227.7	6122.2	6030.9	5938.5	5856.0	5927.5	5879.1	5830.7
7.5°	5082.9	4933.4	4782.7	4656.2	4529.8	4431.9	4332.9	4264.7	4335.1	4326.3	4317.5
10°	4251.5	4106.4	3960.1	3820.4	3680.8	3562.0	3442.1	3341.0	3323.4	3272.8	3221.1
12.5°	3890.8	3691.8	3491.6	3345.4	3199.1	3057.2	2915.4	2796.6	2742.7	2659.1	2574.5
15°	3454.2	3218.9	2983.5	2817.5	2650.3	2512.9	2374.3	2272.0	2237.9	2173.1	2108.2
17.5°	2879.1	2621.7	2364.4	2196.1	2026.8	1916.8	1805.7	1737.6	1737.6	1718.9	1700.2
20°	2202.7	1972.9	1743.1	1614.4	1485.7	1427.4	1368.1	1339.5	1348.3	1349.4	1349.4
22.5°	1615.5	1474.7	1334.0	1282.3	1229.5	1208.6	1187.7	1175.6	1180.0	1181.1	1182.2
25°	1272.4	1218.5	1163.5	1137.1	1109.6	1096.4	1083.2	1078.8	1088.7	1089.8	1089.8
27.5°	1117.3	1084.3	1050.2	1033.7	1016.1	1010.6	1005.1	997.4	1007.3	1007.3	1006.2
30°	1039.2	1004.0	968.9	948.0	927.1	929.3	930.4	928.2	934.8	939.2	942.5
32.5°	975.5	941.4	907.3	886.4	864.4	861.1	857.8	855.6	869.9	877.6	885.3
35°	918.3	880.9	843.5	823.7	803.9	796.2	788.5	783.0	796.2	806.1	816.0
37.5°	879.8	841.3	801.7	783.0	763.2	753.3	743.4	736.8	742.3	746.7	751.1
40°	849.0	809.4	768.7	746.7	724.7	714.8	704.9	699.4	702.7	703.8	704.9
42.5°	820.4	781.9	743.4	719.2	693.9	681.8	669.7	663.1	665.3	667.5	668.6
45°	799.5	761.0	721.4	692.8	663.1	649.9	636.7	629.0	630.1	630.1	630.1
47.5°	819.3	763.2	706.0	673.0	638.9	623.5	608.1	600.4	598.2	596.1	593.9
50°	891.9	796.2	699.4	657.6	614.7	598.2	580.7	571.9	566.4	564.2	562.0
52.5°	871.0	788.5	704.9	651.0	596.1	576.3	556.5	542.2	536.7	533.4	530.1
55°	797.3	745.6	692.8	627.9	563.1	545.5	526.8	516.9	507.0	504.8	502.6
57.5°	700.5	679.6	658.7	592.8	526.8	510.3	492.7	486.1	477.3	477.3	476.2
60°	586.2	616.9	647.7	571.9	494.9	476.2	457.5	452.0	448.7	447.6	446.5
62.5°	526.8	577.4	626.8	546.6	465.2	445.4	425.6	419.0	417.9	419.0	419.0
65°	476.2	491.6	507.0	469.6	432.2	412.4	391.5	384.9	387.1	390.4	393.7
67.5°	430.0	426.7	423.4	410.2	395.9	379.4	361.8	355.2	356.3	360.7	365.1
70°	386.0	381.6	376.1	366.2	356.3	342.0	327.7	323.3	322.2	327.7	332.1
72.5°	342.0	336.5	329.9	322.2	313.4	301.3	289.2	285.9	287.0	290.3	293.6
75°	293.6	289.2	283.7	277.1	269.4	258.4	247.4	245.2	247.4	250.7	254.0
77.5°	240.8	239.7	237.5	232.0	226.5	214.4	201.2	200.1	203.4	206.7	208.9
80°	188.1	189.2	190.3	185.9	181.5	168.3	154.0	152.9	156.2	159.5	162.8
82.5°	138.6	141.9	144.1	138.6	133.1	117.7	102.3	100.1	111.1	114.4	117.7
85°	80.3	84.7	89.1	84.7	80.3	64.9	49.5	48.4	58.3	63.8	69.3
87.5°	6.6	8.8	11.0	9.9	8.8	4.4	0.0	0.0	1.1	5.5	9.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320658
 CATALOG NUMBER: GAN-SA4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320658

CATALOG NUMBER: GAN-SA4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9
2.5°	7162.5	7119.6	7106.4	7093.2	7044.8	6995.3	7045.9	7095.4	7116.3	7137.2	7083.3
5°	5824.1	5816.4	5816.4	5815.3	5771.3	5726.3	5760.4	5793.3	5719.7	5646.0	5638.3
7.5°	4364.8	4412.1	4450.6	4488.0	4473.7	4459.4	4491.3	4523.2	4429.7	4335.1	4288.9
10°	3232.1	3242.0	3283.8	3325.6	3335.5	3344.3	3383.8	3422.3	3349.8	3277.2	3245.3
12.5°	2521.7	2468.9	2474.4	2478.8	2498.6	2517.3	2559.1	2599.7	2570.1	2539.3	2542.6
15°	2042.2	1975.1	1947.6	1919.0	1941.0	1963.0	1992.7	2021.3	2022.4	2022.4	2051.0
17.5°	1667.2	1633.1	1605.6	1577.0	1606.7	1635.3	1638.6	1641.9	1643.0	1644.1	1641.9
20°	1365.9	1382.4	1373.6	1364.8	1375.8	1385.7	1394.4	1402.1	1392.3	1381.3	1353.8
22.5°	1197.6	1211.9	1222.9	1232.8	1251.5	1269.1	1260.3	1250.4	1230.6	1209.7	1188.8
25°	1099.7	1109.6	1120.6	1131.6	1147.0	1161.3	1145.9	1130.5	1116.2	1101.9	1087.6
27.5°	1017.2	1027.1	1037.0	1045.8	1060.1	1073.3	1059.0	1044.7	1032.6	1020.5	1009.5
30°	950.2	956.8	964.5	972.2	985.4	997.4	985.4	972.2	963.4	953.5	945.8
32.5°	893.0	899.6	902.9	906.2	918.3	930.4	921.6	912.8	905.1	897.4	891.9
35°	830.3	843.5	845.7	847.9	860.0	872.1	866.6	860.0	851.2	842.4	832.5
37.5°	766.5	781.9	790.7	798.4	810.5	822.6	817.1	811.6	799.5	787.4	769.8
40°	712.6	719.2	735.7	751.1	770.9	789.6	778.6	766.5	747.8	729.1	720.3
42.5°	667.5	666.4	681.8	697.2	726.9	755.5	735.7	715.9	698.3	680.7	678.5
45°	627.9	624.6	632.3	640.0	671.9	702.7	682.9	662.0	652.1	642.2	642.2
47.5°	592.8	590.6	596.1	600.4	620.2	638.9	629.0	619.1	613.6	608.1	609.2
50°	560.9	558.7	564.2	568.6	576.3	582.9	585.1	586.2	582.9	579.6	581.8
52.5°	531.2	531.2	533.4	534.5	544.4	554.3	554.3	553.2	553.2	553.2	555.4
55°	505.9	508.1	508.1	508.1	523.5	537.8	533.4	529.0	530.1	530.1	532.3
57.5°	480.6	483.9	486.1	488.3	503.7	519.1	514.7	510.3	510.3	510.3	511.4
60°	452.0	456.4	460.8	465.2	480.6	496.0	491.6	486.1	487.2	488.3	489.4
62.5°	424.5	428.9	433.3	437.7	453.1	468.5	464.1	458.6	461.9	464.1	464.1
65°	398.1	401.4	405.8	410.2	424.5	438.8	434.4	430.0	434.4	437.7	439.9
67.5°	368.4	370.6	375.0	379.4	393.7	408.0	403.6	398.1	403.6	408.0	412.4
70°	334.3	336.5	342.0	346.4	360.7	375.0	369.5	364.0	369.5	375.0	379.4
72.5°	296.9	299.1	304.6	309.0	325.5	342.0	335.4	328.8	335.4	342.0	344.2
75°	256.2	258.4	265.0	270.5	287.0	303.5	298.0	291.4	296.9	302.4	303.5
77.5°	212.2	215.5	224.3	233.1	246.3	259.5	256.2	252.9	256.2	259.5	259.5
80°	166.1	169.4	180.4	190.3	198.0	205.6	206.7	207.8	208.9	210.0	208.9
82.5°	123.2	127.6	137.5	147.4	147.4	147.4	156.2	163.9	163.9	162.8	161.7
85°	75.9	81.4	90.2	99.0	93.5	88.0	102.3	115.5	115.5	114.4	112.2
87.5°	15.4	20.9	29.7	37.4	31.9	26.4	40.7	55.0	56.1	56.1	53.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320658
 CATALOG NUMBER: GAN-SA4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320658
 CATALOG NUMBER: GAN-SA4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9
2.5°	7028.3	7114.1	7198.8	7220.8	7253.8	7268.1	7281.3	7389.0	7495.7	7621.1	7746.5
5°	5629.5	5693.3	5757.1	5767.0	5801.0	5818.6	5836.2	5967.1	6096.9	6271.7	6446.6
7.5°	4242.7	4258.1	4273.5	4271.3	4299.9	4338.4	4375.8	4515.5	4654.0	4842.1	5029.0
10°	3213.4	3248.6	3282.7	3314.6	3377.3	3449.8	3521.3	3664.3	3807.2	3993.1	4177.8
12.5°	2545.9	2586.5	2626.1	2661.3	2733.9	2830.7	2926.4	3097.9	3269.5	3491.6	3712.7
15°	2078.5	2075.2	2071.9	2096.1	2159.9	2265.4	2369.9	2551.4	2732.8	2977.0	3220.0
17.5°	1639.7	1623.2	1606.7	1625.4	1684.8	1771.7	1857.4	2011.4	2164.3	2400.7	2637.1
20°	1326.3	1315.3	1304.3	1321.9	1359.3	1395.5	1431.8	1542.9	1652.9	1845.3	2036.7
22.5°	1166.8	1165.7	1163.5	1173.4	1191.0	1209.7	1227.3	1281.2	1334.0	1458.2	1581.4
25°	1073.3	1072.2	1071.1	1075.5	1089.8	1104.1	1118.4	1153.6	1188.8	1248.2	1307.6
27.5°	998.5	996.3	994.2	995.2	998.5	1020.5	1041.4	1057.9	1073.3	1114.0	1153.6
30°	938.1	937.0	935.9	935.9	932.6	940.3	948.0	973.3	997.4	1039.2	1081.0
32.5°	886.4	880.9	875.4	863.3	855.6	866.6	877.6	904.0	930.4	968.9	1007.3
35°	821.5	807.2	791.8	785.2	786.3	797.3	808.3	834.7	860.0	901.8	942.5
37.5°	751.1	746.7	741.2	740.1	743.4	754.4	765.4	788.5	810.5	852.3	893.0
40°	711.5	709.3	707.1	704.9	707.1	718.1	729.1	751.1	772.0	812.7	852.3
42.5°	676.3	675.2	674.1	674.1	675.2	687.3	699.4	721.4	742.3	778.6	814.9
45°	642.2	643.3	643.3	645.5	648.8	660.9	671.9	696.1	720.3	755.5	790.7
47.5°	610.3	613.6	615.8	621.3	624.6	637.8	649.9	676.3	702.7	746.7	789.6
50°	582.9	586.2	588.4	592.8	601.5	616.9	632.3	664.2	695.0	768.7	841.3
52.5°	557.6	560.9	564.2	568.6	579.6	597.1	614.7	654.3	692.8	778.6	864.4
55°	534.5	537.8	540.0	546.6	557.6	573.0	587.3	635.6	684.0	746.7	809.4
57.5°	512.5	515.8	518.0	522.4	527.9	544.4	559.8	611.4	663.1	707.1	750.0
60°	489.4	491.6	492.7	492.7	497.1	515.8	534.5	600.4	665.3	657.6	648.8
62.5°	464.1	466.3	467.4	464.1	469.6	489.4	509.2	595.0	680.7	627.9	575.2
65°	441.0	439.9	438.8	435.5	442.1	461.9	480.6	523.5	566.4	545.5	524.6
67.5°	415.7	412.4	409.1	404.7	411.3	428.9	445.4	459.7	474.0	476.2	478.4
70°	383.8	379.4	375.0	373.9	377.2	391.5	405.8	415.7	424.5	428.9	432.2
72.5°	346.4	343.1	339.8	337.6	338.7	350.8	361.8	370.6	379.4	382.7	384.9
75°	304.6	304.6	303.5	296.9	296.9	306.8	315.6	323.3	331.0	335.4	339.8
77.5°	259.5	260.6	260.6	251.8	250.7	260.6	269.4	276.0	281.5	285.9	289.2
80°	207.8	205.6	203.4	198.0	195.8	207.8	218.8	224.3	228.7	229.8	229.8
82.5°	159.5	155.1	149.6	137.5	138.6	151.8	163.9	168.3	172.7	172.7	172.7
85°	108.9	100.1	90.2	80.3	81.4	95.7	108.9	113.3	117.7	119.9	121.0
87.5°	51.7	42.9	33.0	25.3	25.3	37.4	48.4	50.6	52.8	57.2	61.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320658
 CATALOG NUMBER: GAN-SA4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320658

CATALOG NUMBER: GAN-SA4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9
2.5°	7842.1	7936.7	8034.6	8132.5	8244.6	8356.8	8487.7	8617.4	8728.5	8839.6	8932.0
5°	6597.2	6747.9	6925.0	7102.0	7327.5	7552.9	7828.9	8103.9	8349.1	8594.3	8879.2
7.5°	5225.9	5421.6	5652.6	5883.5	6174.9	6466.4	6823.8	7181.2	7527.6	7872.9	8310.6
10°	4383.5	4589.1	4816.8	5043.3	5340.3	5636.1	6014.4	6391.6	6780.9	7169.1	7664.0
12.5°	3941.4	4169.1	4369.2	4569.4	4810.2	5049.9	5416.1	5782.3	6239.8	6696.2	7172.4
15°	3469.6	3718.2	3957.9	4197.6	4460.5	4722.2	5078.5	5434.8	5935.2	6435.6	6983.2
17.5°	2898.9	3160.6	3453.1	3744.6	4087.7	4429.7	4886.1	5342.5	5935.2	6526.9	7172.4
20°	2303.9	2571.2	2920.9	3270.6	3697.3	4122.9	4714.5	5306.2	6104.6	6901.9	7725.6
22.5°	1817.8	2053.2	2434.8	2815.3	3308.0	3800.6	4559.5	5317.2	6360.8	7403.3	8515.2
25°	1473.6	1639.7	2014.7	2388.6	2957.2	3525.7	4464.9	5402.9	6733.6	8063.2	9442.2
27.5°	1262.5	1371.4	1721.1	2069.7	2691.0	3311.3	4426.4	5540.4	7206.5	8872.6	10450.7
30°	1156.9	1232.8	1528.6	1823.3	2454.6	3085.8	4380.2	5674.6	7661.8	9647.9	11239.2
32.5°	1068.9	1129.4	1382.4	1634.2	2250.0	2865.9	4291.1	5715.3	7979.6	10243.9	11906.7
35°	994.2	1044.7	1264.7	1484.6	2089.5	2694.3	4141.6	5588.8	8178.6	10768.5	12601.7
37.5°	933.7	973.3	1176.7	1380.2	1950.9	2521.7	3971.1	5420.5	8355.7	11290.9	13383.6
40°	886.4	920.5	1110.7	1301.0	1818.9	2336.9	3824.8	5311.7	8599.8	11888.0	14209.5
42.5°	860.0	904.0	1053.5	1202.0	1693.6	2185.2	3707.2	5229.2	8826.4	12422.5	14932.0
45°	853.4	916.1	1023.8	1131.6	1600.1	2068.6	3602.7	5135.7	8972.6	12809.6	15476.4
47.5°	842.4	894.1	1000.7	1107.4	1553.9	1999.3	3546.6	5092.8	9118.9	13143.9	15928.4
50°	849.0	855.6	982.1	1107.4	1547.3	1987.2	3610.4	5233.6	9435.6	13636.6	16445.3
52.5°	836.9	808.3	946.9	1085.4	1546.2	2007.0	3794.0	5581.1	10024.0	14465.8	17005.0
55°	773.1	735.7	880.9	1026.0	1523.1	2019.1	4012.9	6005.6	10813.6	15620.5	18011.3
57.5°	717.0	682.9	806.1	928.2	1452.7	1977.3	4238.3	6498.3	11648.3	16797.2	19145.1
60°	642.2	634.5	722.5	810.5	1343.9	1876.1	4424.2	6971.1	12209.1	17446.0	19581.7
62.5°	580.7	585.1	649.9	714.8	1207.5	1699.1	4485.8	7271.4	12193.7	17116.1	19141.8
65°	533.4	541.1	604.8	668.6	1090.9	1513.2	4283.4	7052.5	11576.8	16100.0	18271.9
67.5°	487.2	496.0	571.9	646.6	987.6	1327.4	3777.6	6226.6	10467.2	14706.6	17165.6
70°	443.2	454.2	536.7	619.1	912.8	1205.3	3125.4	5045.5	9078.2	13109.8	15884.4
72.5°	395.9	406.9	494.9	582.9	865.5	1147.0	2548.1	3948.0	7367.0	10785.0	13587.1
75°	347.5	355.2	450.9	545.5	800.6	1055.7	1999.3	2941.8	5638.3	8334.8	10262.6
77.5°	299.1	309.0	389.3	468.5	679.6	889.7	1506.6	2123.6	4137.2	6149.7	7137.2
80°	238.6	247.4	304.6	360.7	524.6	687.3	1035.9	1384.6	2847.2	4309.8	4866.3
82.5°	182.6	192.5	230.9	268.3	373.9	479.5	627.9	776.4	1891.5	3005.5	3051.7
85°	125.4	128.7	156.2	182.6	230.9	279.3	359.6	439.9	1251.5	2063.1	1718.9
87.5°	62.7	62.7	81.4	100.1	124.3	148.5	190.3	230.9	400.3	569.7	327.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320658
 CATALOG NUMBER: GAN-SA4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320658

CATALOG NUMBER: GAN-SA4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9
2.5°	9049.6	9129.9	9211.3	9272.9	9335.6	9425.7	9515.9	9532.4	9550.0	9514.8	9479.6
5°	9166.2	9409.2	9653.4	9878.8	10104.3	10239.5	10374.8	10402.3	10429.8	10345.1	10259.3
7.5°	8734.0	9157.4	9580.8	9969.0	10357.2	10592.5	10829.0	10881.8	10935.7	10797.1	10658.5
10°	8156.6	8676.8	9197.0	9708.4	10219.7	10561.7	10903.8	10971.9	11040.1	10867.5	10694.8
12.5°	7710.2	8265.5	8820.9	9359.7	9899.7	10253.8	10607.9	10692.6	10777.3	10651.9	10525.5
15°	7572.7	8095.1	8617.4	9087.0	9557.7	9846.9	10137.3	10171.3	10206.5	10186.7	10166.9
17.5°	7822.3	8294.1	8767.0	9022.1	9278.4	9393.8	9510.4	9547.8	9586.3	9635.8	9686.4
20°	8427.2	8759.3	9092.5	9081.5	9069.4	9013.3	8956.1	8946.3	8936.4	9078.2	9221.2
22.5°	9330.1	9462.0	9595.1	9286.1	8977.0	8789.0	8599.8	8562.4	8524.0	8674.6	8826.4
25°	10309.9	10285.7	10260.4	9672.1	9082.6	8724.1	8365.6	8323.8	8282.0	8410.7	8540.5
27.5°	11279.9	11121.5	10963.1	10163.6	9364.1	8844.0	8323.8	8282.0	8240.2	8354.6	8469.0
30°	11991.4	11737.3	11483.3	10578.2	9673.2	9055.1	8437.1	8368.9	8299.6	8440.4	8581.1
32.5°	12546.7	12205.8	11864.9	10914.8	9964.6	9296.0	8627.3	8520.7	8414.0	8602.0	8790.1
35°	13101.0	12621.5	12140.9	11215.0	10287.9	9580.8	8872.6	8741.7	8610.8	8869.3	9127.7
37.5°	13798.2	13109.8	12420.3	11552.6	10684.9	10007.5	9329.0	9194.8	9060.6	9389.4	9719.4
40°	14554.8	13636.6	12718.3	11922.1	11125.9	10598.0	10069.1	9941.5	9812.8	10213.1	10613.4
42.5°	15183.9	14127.0	13070.2	12367.5	11663.7	11292.0	10919.2	10918.1	10915.9	11321.7	11727.5
45°	15695.3	14536.1	13375.9	12801.9	12226.7	12033.2	11839.6	11994.7	12149.7	12516.0	12883.3
47.5°	16076.9	14879.3	13680.6	13299.0	12917.4	12945.9	12974.5	13290.2	13605.8	13841.1	14077.6
50°	16325.4	15190.5	14054.5	13936.8	13819.1	14075.4	14332.7	14694.5	15057.4	15218.0	15378.5
52.5°	16687.2	15612.8	14537.2	14669.2	14801.2	15324.6	15848.1	16214.3	16580.5	16639.9	16700.4
55°	17524.1	16389.2	15253.2	15506.1	15760.1	16527.7	17296.5	17582.4	17868.3	17890.3	17912.3
57.5°	18712.9	17476.8	16240.7	16513.4	16786.2	17672.6	18560.0	18868.0	19177.0	19134.1	19090.1
60°	19602.6	18509.4	17415.2	17690.2	17965.1	18829.5	19693.8	20048.0	20403.2	20308.6	20214.0
62.5°	19657.6	19073.6	18488.6	18737.1	18986.7	19833.5	20680.3	21044.3	21408.3	21243.4	21078.4
65°	18783.3	19045.0	19306.7	19389.2	19471.7	20261.3	21052.0	21330.2	21609.6	21526.0	21442.4
67.5°	17579.1	18543.5	19509.1	19343.0	19177.0	19547.6	19918.2	20205.2	20492.2	20445.0	20396.6
70°	16377.1	17664.9	18952.6	18136.6	17319.5	17166.7	17013.8	17322.8	17633.0	17441.6	17249.2
72.5°	14330.5	15703.0	17076.5	15573.2	14069.9	13547.5	13025.1	13417.7	13810.3	13505.7	13200.0
75°	11249.1	12765.6	14283.2	12489.6	10695.9	9998.7	9301.5	9639.1	9976.7	9767.7	9557.7
77.5°	8374.4	9868.9	11363.4	9540.1	7715.7	7197.7	6678.6	6778.7	6879.9	6844.7	6808.4
80°	5680.1	6721.5	7764.0	6550.0	5335.9	5375.4	5416.1	5368.9	5320.5	5390.8	5461.2
82.5°	3624.7	4428.6	5233.6	4589.1	3944.7	4314.2	4683.7	4502.3	4319.7	4386.8	4455.0
85°	2068.6	2854.9	3642.3	3394.8	3146.3	3361.9	3578.5	3297.0	3015.4	3138.6	3262.9
87.5°	545.5	1579.2	2614.0	2373.2	2132.4	1853.0	1573.7	1200.9	828.1	1209.7	1591.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320658
 CATALOG NUMBER: GAN-SA4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9	8379.9
2.5°	9460.9	9442.2	9375.1	9307.0	9205.8	9122.2	8977.0
5°	10140.6	10021.8	9817.2	9611.6	9382.8	9120.0	8828.6
7.5°	10381.4	10103.2	9710.6	9316.9	8962.7	8547.1	8159.9
10°	10279.1	9862.3	9352.0	8840.7	8410.7	7932.3	7502.3
12.5°	10083.4	9640.2	9078.2	8515.2	8025.8	7512.2	7030.5
15°	9813.9	9459.8	8933.1	8406.3	7913.6	7414.3	6843.6
17.5°	9519.2	9350.9	8970.4	8588.8	8162.1	7678.3	7008.5
20°	9281.7	9343.3	9191.5	9039.7	8697.7	8275.4	7523.2
22.5°	9121.1	9416.9	9533.5	9651.2	9445.5	9115.6	8245.7
25°	9030.9	9521.4	9911.8	10303.3	10212.0	9958.0	9123.3
27.5°	9070.5	9672.1	10278.0	10885.1	10969.7	10899.4	10048.2
30°	9189.3	9798.5	10536.5	11275.5	11613.1	11707.7	10819.1
32.5°	9387.2	9984.4	10788.3	11593.3	12103.6	12404.9	11524.0
35°	9686.4	10245.0	11083.0	11921.0	12580.8	13130.7	12252.0
37.5°	10199.9	10680.5	11453.6	12227.8	13083.4	13909.3	13053.7
40°	10952.1	11292.0	11945.2	12599.5	13676.2	14791.3	13947.8
42.5°	11901.2	12076.1	12594.0	13112.0	14295.3	15591.9	14822.1
45°	12929.4	12975.6	13301.2	13627.8	14785.8	16137.3	15478.6
47.5°	13919.2	13760.8	13890.6	14020.4	15161.9	16526.6	15976.8
50°	14937.5	14496.6	14428.4	14360.2	15538.0	16985.2	16610.2
52.5°	15973.5	15246.6	14977.1	14706.6	15986.7	17593.4	17398.7
55°	16987.4	16062.6	15699.7	15336.7	16672.9	18335.7	18556.7
57.5°	18042.1	16994.0	16657.5	16321.0	17681.4	19276.0	19596.0
60°	19177.0	18138.8	17869.4	17598.9	18935.0	20292.1	20059.0
62.5°	20253.6	19428.8	19287.0	19144.0	20203.0	21072.9	19878.6
65°	20972.8	20502.1	20634.1	20767.2	21162.0	21267.6	19350.7
67.5°	20492.2	20587.9	21145.5	21704.1	21432.5	20689.1	18310.4
70°	17822.1	18396.2	19716.9	21038.8	20436.2	19139.6	16443.1
72.5°	13844.4	14490.0	16450.8	18412.7	17857.3	16269.3	13505.7
75°	10285.7	11014.8	13179.1	15343.3	14572.4	12169.5	9669.9
77.5°	7296.7	7784.9	9921.7	12059.6	10802.6	8100.6	6507.1
80°	5311.7	5162.1	6353.1	7544.1	7335.2	5357.9	4178.9
82.5°	4089.9	3724.8	4285.6	4846.5	4815.7	3718.2	3066.0
85°	3116.6	2970.4	3466.3	3962.3	3537.8	2518.4	1948.7
87.5°	1816.7	2043.3	2627.2	3212.3	2410.6	764.3	378.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320658
CATALOG NUMBER: GAN-SA4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)